



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090340

Mode: Highway

Status: Submitted

US-321 ALT

From/Cross Street: SR 1107 (Falls Avenue) in Granite Falls **Specific Improvement Type:** 16 - Modernize Roadway

To: SR 1180 (McLean Drive) in Lenoir

Project Category: Regional Impact

Length: 8.62

TIP#: U-2543

Fully Funded in Draft STIP? No

Cost to NCDOT: \$80,500,000

Description:

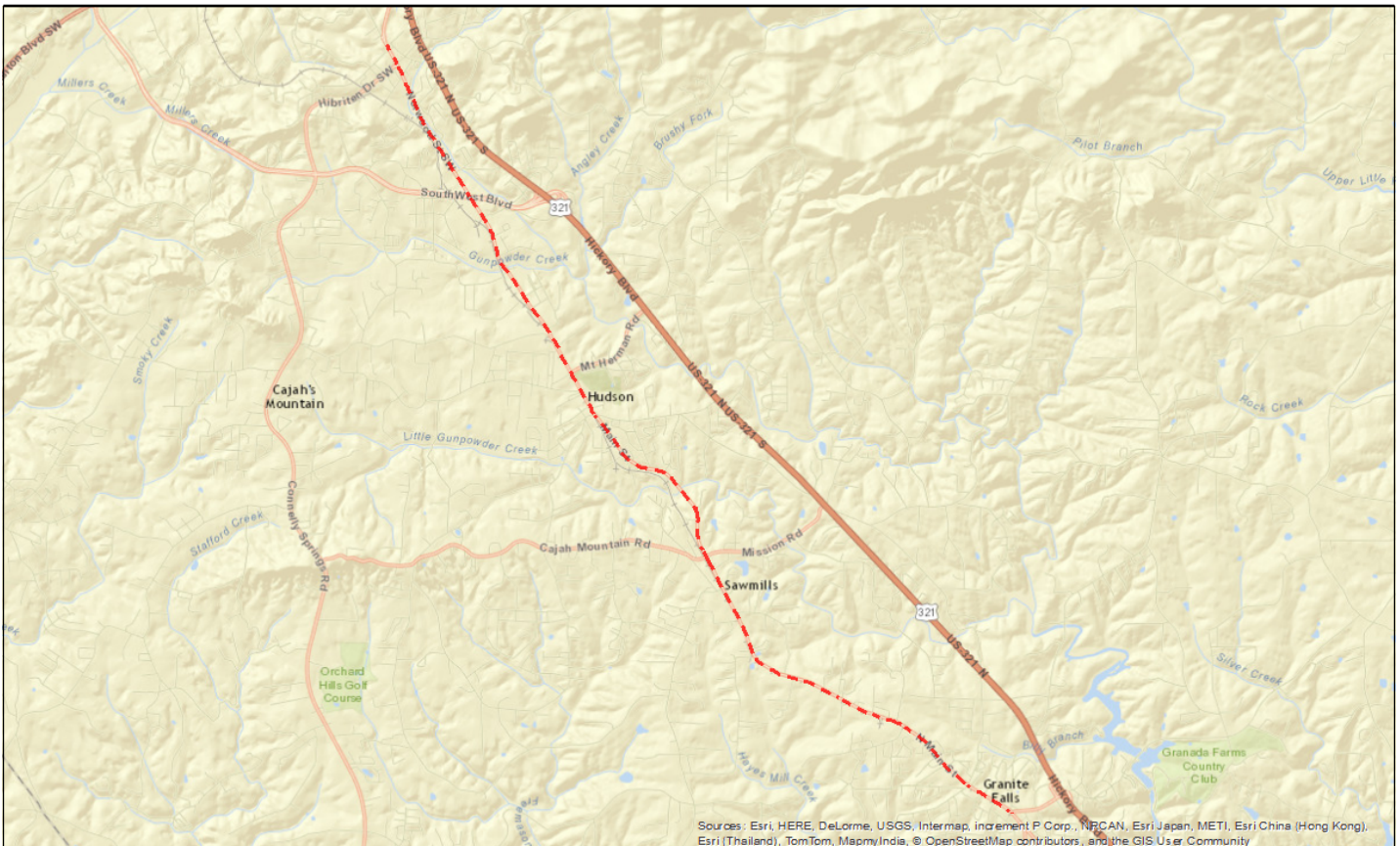
SR 1107 (Falls Avenue) in Granite Falls to SR 1180 (McLean Drive) in Lenoir. Two-Lane Upgrade.

Division(s): Division 11

County(s): CALDWELL

MPOS(s)/RPO(s): Greater Hickory MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 30.5

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 30.49 Safety (10%) 67.51 [Travel Time] Benefit/Cost (25%) 0.00 Accessibility / Connectivity (10%) 11.26	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 15.5		

Division Needs Total Score: 12.85

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 30.49 Safety (10%) 67.51 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points: 0	Percent: 25% Points: 0
Totals: Weight: 50% Weighted Score: 12.85		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	8.62
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7263.65
Capacity:	15800
Volume/Capacity Ratio:	0.46
% Autos:	96%
% Trucks:	4%
Truck Volume:	295.24
Crash Density:	67.04
Crash Severity:	64.63
Critical Crash Rate:	70.89
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	89
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	
Speed Limit:	35
Length (miles):	8.62
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 11

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 11	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greater Hickory MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$39,000,000	TIP Unit
Right-of-Way Cost:	\$39,500,000	TIP Unit
Utilities Cost:	\$2,000,000	TIP Unit
Total Project Cost:	\$80,500,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$80,500,000	